

Converting Colors

YUV(133.3490, 58.4949,
91.7789)

Have a look what the booklet for
YUV(133.3490, 58.4949, 91.7789)
contains.

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Color

**YUV(133.3490, 58.4949,
91.7789)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EE39FC |
| RGB | 238, 57, 252 |
| RGB Percent | 93%, 22%, 99% |
| CMY | 0.0667, 0.7765, 0.0118 |
| CMYK | 0.06, 0.77, 0.00, 0.01 |
| HSL | 296°, 97%, 61% |
| HSV | 296°, 77%, 99% |
| XYZ | 54.2937, 28.1317, 94.6638 |
| YIQ | 133.3490, 45.2810, 99.0170 |

Conversions

Conversions Part 2

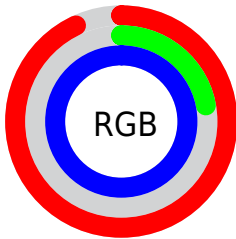
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 238, 57, 252 |
| Decimal | 15612412 |
| CIE Lab | 60.01, 87.25, -59.84 |
| CIE LCh | 60, 105.795, 325.556 |
| Yxy | 28.1317, 0.3066, 0.1589 |
| Android (android.graphics.Color) | 4293802492 (0xFFEE39FC) |
| YUV | 133.3490, 58.4949, 91.7789 |
| Hunter-Lab | 53.0393, 89.9029, -68.6925 |

Details

The YUV color **133.3490, 58.4949, 91.7789** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **175.6510, -58.4949, -91.7789**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.1030, 37.9102, 67.4387**, and **75.0390, 58.6478, 89.4198** is the 20% darker color. If you saturate the color by 10%, you get **118.0760, 66.0245, 103.4193**, and if you desaturate by 10%, it is **148.6220, 50.9654, 80.1385**.

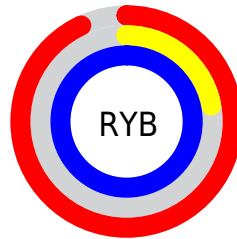
Distribution



Red (93%)

Green (22%)

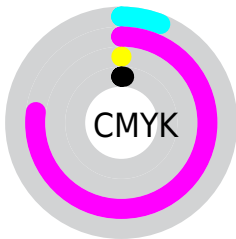
Blue (99%)



Red (93%)

Yellow (22%)

Blue (99%)

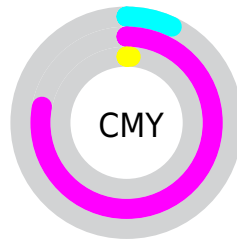


Cyan (6%)

Magenta (77%)

Yellow (0%)

Black (1%)



Cyan (7%)


Magenta (78%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the YUV color 133.3490, 58.4949, 91.7789 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 133.3490, 58.4949, 91.7789 by changing the saturation by 10% instead.


 133.3490, 58.4949,
91.7789


 133.3490, 58.4949,
91.7789


255.0000, 0.0000,
0.0000


 87.6140, 66.7453,
105.5785


 178.1030, 37.9102,
67.4387


 75.0390, 58.6478,
89.4198


 195.7130, 29.2285,
51.9947


 63.2900, 51.1290,
74.2907


 213.9100, 20.2574,
36.0359

 51.2420, 43.7577,
58.5468

 231.5200, 11.5756,
20.5920

 39.4930, 36.2390,
43.4176

 249.1300, 2.8939,
5.1480

 28.5700, 29.2990,
29.3181

 15.8530, 23.2435,

11.5299

■ 5.7340, 16.8931,
-5.0287

■ 2.6390, 7.5730,
-2.3144

■ 133.3490, 58.4949,
91.7789

■ 133.3490, 58.4949,
91.7789

■ 118.0760, 66.0245,
103.4193

■ 148.6220, 50.9654,
80.1385

■ 102.8030, 73.5541,
115.0598

■ 163.8950, 43.4358,
68.4981

■ 98.6940, 75.5799,
118.6634

■ 179.4560, 35.7642,
55.7281

■ 194.7290, 28.2346,
44.0877

210.0020, 20.7050,
32.4472

225.2750, 13.1754,
20.8068

240.5480, 5.6458,
9.1664

253.7610, -0.8682,
-1.5444

254.3590, -1.1630,
-0.3148

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



123.9620, 64.6017, -47.3247



133.3490, 58.4949, 91.7789



94.8270, 33.6093, 140.4717

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



133.3490, 58.4949, 91.7789



136.6310, -67.3591, 45.0506



132.2560, 44.7368, -115.9885

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



133.3490, 58.4949, 91.7789



175.6510, -58.4949, -91.7789

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



120.1380, 3.3830, -105.3610



133.3490, 58.4949, 91.7789



123.7980, -61.0324, -24.3788

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



133.3490, 58.4949, 91.7789



128.1890, -63.1972, 110.3362



102.8390, -50.2066, -90.1898



133.5560, 59.8719, -117.1286

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



133.3490, 58.4949, 91.7789



87.8730, 6.9646, 146.5704



102.8390, -50.2066, -90.1898



128.8360, 31.6329, -112.9892

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



133.3490, 58.4949, 91.7789



219.1710, 17.6637, 27.9140



88.6220, 80.5454, -27.7325



105.9710, 10.8603, 16.6884



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



133.3490, 58.4949, 91.7789



110.7980, 71.0916, 111.5562



128.3010, 21.0506, 108.4840



117.0700, 3.9095, 6.0776



73.8710, 56.7586, 88.6901



23.9970, 18.2425, 28.9436

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



116.9010, -22.6292, 118.4818



90.8010, -27.5099, 144.0025



180.6990, -21.0506, -108.4840



116.0010, -1.4795, 7.8921



58.1070, -21.7448, 114.7932



18.6950, -7.2446, 37.1015

Previews

White Background



This preview shows how the YUV color 133.3490, 58.4949, 91.7789 looks on a white background.

Color Contrast Check

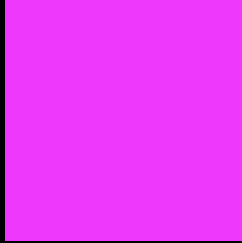
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 133.3490, 58.4949, 91.7789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

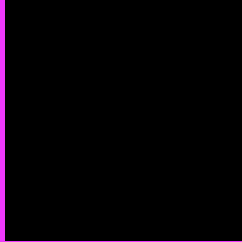
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 133.3490, 58.4949, 91.7789

Background



This preview shows how black text looks on a background with the YUV color 133.3490, 58.4949, 91.7789.



This preview shows how white text looks on a background with the YUV color 133.3490, 58.4949, 91.7789.

91.7789.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

133.3490, 58.4949, 91.7789

Protanopia

138.7470, 57.3127, -42.7511

Deuteranopia

137.4770, 50.0508, -46.8993



Tritanopia

143.6990, -13.1626, 68.6700

Trichromacy



Original Color

133.3490, 58.4949, 91.7789



Protanomaly

136.5820, 57.8871, 6.5056



Deuteranomaly

136.0070, 53.2405, 3.5019



Tritanomaly

139.9260, 12.8545, 77.2409

Monochromacy



Original Color

133.3490, 58.4949, 91.7789



Achromatopsia

133.0000, 0.0000, 0.0000



Achromatomaly

132.8280, 21.2838, 33.4768

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.3490, 58.4949, 91.7789 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(238, 57, 252)` looks like.

```
.text, #text, p{  
    color:rgb(238, 57, 252)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(238, 57, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 57, 252) }
```

Border

The CSS property to change the border of an element to YUV 133.3490, 58.4949, 91.7789 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(238, 57, 252) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(238, 57, 252) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(238, 57, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 57, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 57, 252);  
box-shadow:4px 4px 4px 4px rgb(238, 57,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 133.3490, 58.4949, 91.7789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 57, 252) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(238, 57,  
252) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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